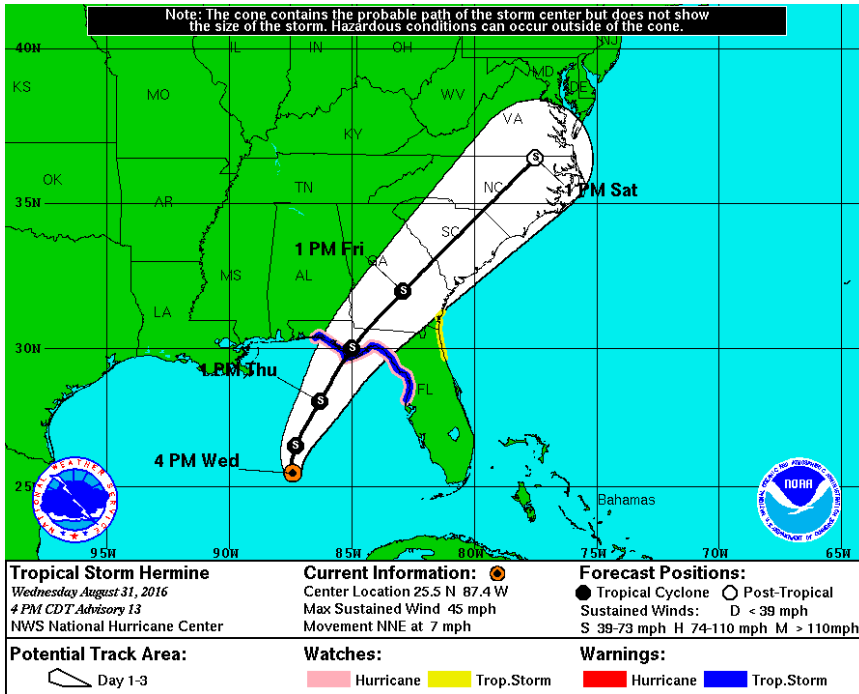




# National Weather Service Tallahassee, Florida

**...TROPICAL STORM WARNINGS AND HURRICANE WATCHES HAVE BEEN  
EXTENDED INLAND AND WESTWARD...**

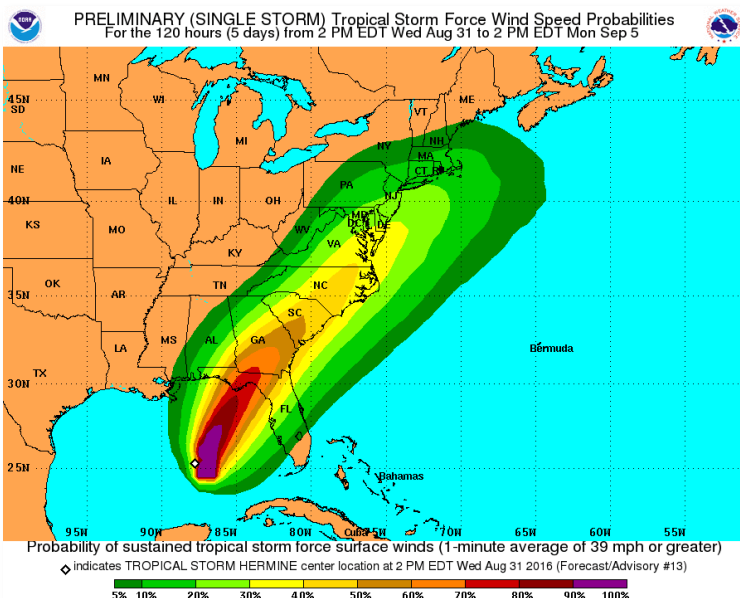
## Current Position and Discussion



## Tropical Storm Hermine

- **Tropical Storm Warnings** now in effect from the Walton County to the Suwannee River and southward, the adjacent Gulf of Mexico, inland portions of the Florida Big Bend and now parts of southeast Alabama and southwest Georgia.
- There remains the possibility that this system will strengthen to a minimal hurricane prior to landfall. Therefore, a **Hurricane Watch** is now in effect from Destin along the FL Big Bend coast to Suwannee River and points south and inland.

## Wind Speed Probabilities



## Timing:

- Tropical storm force winds are expected to reach our offshore marine area Thursday morning and spread along the Big Bend and eastern Panhandle coastline from Thursday evening through Thursday night. Landfall is expected in the Big Bend after midnight Thursday night.
- There is now an 8 in 10 chance for tropical storm force winds over the Big Bend and a 5 in 10 chance around Panama City, FL.



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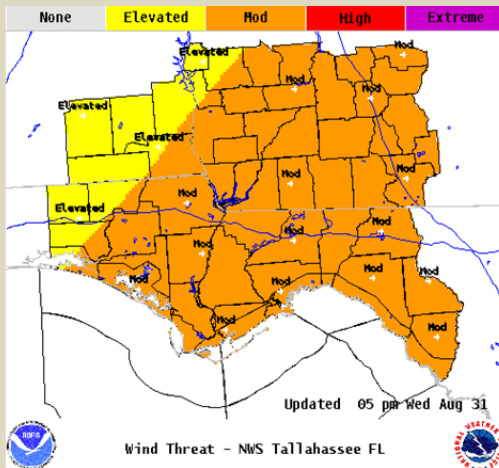
**8/31/2016  
6:00 PM EDT**



# National Weather Service Tallahassee, Florida

## Tropical Storm Hermine – Inland Hazards & Impact Assessment

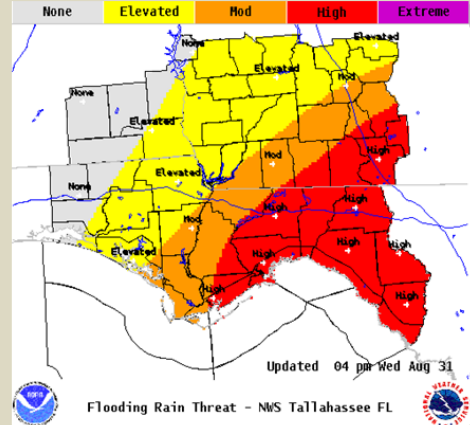
### ADV 13 - Wind Hazard



5 pm EDT, August 31, 2016

	Wind Hazard
None	Sustained winds up to 38 mph with gusts to 45 mph
Elevated	Sustained winds 39 to 57 mph with gusts of 46 to 73 mph
Moderate	Sustained winds 58 to 73 mph with gusts of 74 to 95 mph
High	Sustained winds 74 to 109 mph with higher gusts
Extreme	Sustained winds greater than 110 mph with higher gusts.

### ADV 13 - Inland Flood

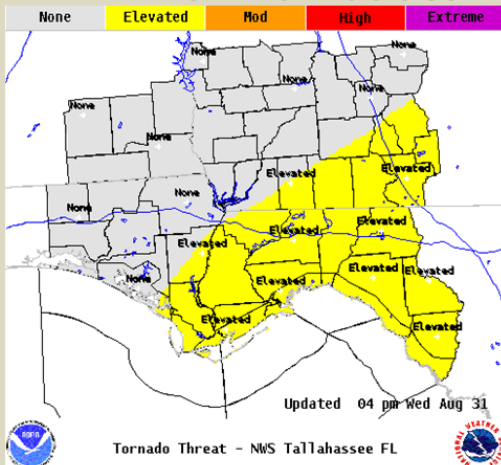


Updated 04 pm Wed Aug 31

5 pm EDT, August 31, 2016

	Inland Flooding
None	No Flooding
Elevated	Minor flooding of Elevated lying areas
Moderate	Minor to moderate flooding, impacting Elevated lying areas. Streams and rivers will rise to minor flood stage.
High	Moderate to major flooding, impacting a widespread area. Streams and rivers will rise to moderate to major flood stage.
Extreme	Major to catastrophic flooding, impacting a widespread area. Streams and rivers will rise to major to record flood stage.

### ADV 13 - Tornadoes



Updated 04 pm Wed Aug 31

5 pm EDT, August 31, 2016

	Storm Tide
None	No Tornadoes
Elevated	1 to 3 tornadoes, F1 or less intensity
Moderate	3 to 5 tornadoes, some up to F2 intensity
High	5 to 10 tornadoes, some up to F2 intensity
Extreme	More than 10 tornadoes, many F2 intensity. Ivan like outbreak

### Impact Assessment:

- A reasonable worst-case scenario shows tropical storm force winds are possible across the entire forecast area. If the system strengthens into a hurricane, hurricane force winds cannot be ruled out near the coast.
- Widespread storm total rainfall of 5-10 inches with isolated spots of 15-20 inches. This would cause minor to moderate flooding across the Florida Big Bend and south central Georgia..
- SPC indicates a slight risk of tornadoes on Thursday for the Big Bend and parts of GA.



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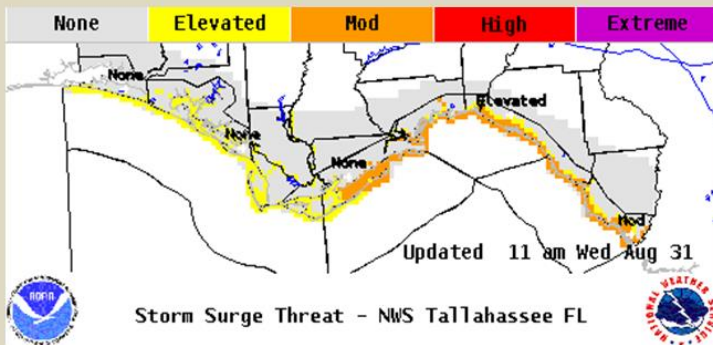
# National Weather Service Tallahassee, Florida

## Tropical Storm Hermine – Storm Surge & Impact Assessment



- This graphic represents areas that are under a prototype storm surge warning where at least 3 feet of inundation should be planned for.

### ADV 13 - Storm Inundation



5 pm EDT, August 31, 2016

	Storm Tide
None	0-1 feet above ground
Elevated	1 to 3 feet above ground
Moderate	3 to 6 feet above ground
High	6 to 9 feet above ground
Extreme	Greater than 9 feet above ground

### Impact Assessment:

- A moderate threat of inundation is forecast for the Florida Big Bend coastline where 4 to 6 feet of inundation is possible along the coast from Indian Pass eastward. 1 to 3 feet of inundation is expected from the Destin to Indian Pass. These values will be higher if the system becomes a hurricane.

### Timing:

- Storm surge flooding could begin Thursday morning with maximum inundation Thursday night.



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